

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Currently Amended) A carpet tile comprising:

a primary backing having carpet fiber bundles tufted therethrough, the fibers
bundles providing a tufted face;

a precoat locking the tufts in place to prevent easy extraction of individual fibers
and providing a relatively smooth back face opposite the tufted face;

a reinforcing scrim adjacent the relatively smooth back face and held in place at least in part by said precoat; and

a preformed open mesh fiber reinforced foam layer with foam nodules held in substantially intimate contact with the relatively smooth back face by an adhesive fused at a temperature sufficiently low to preclude collapse of the foam nodules thereby forming a carpet tile substantially void of curling or doming.

14. (Cancelled)

15. (Currently amended) A carpet tile as recited in claim ~~14~~ 13 wherein said fused adhesive comprises a formulation comprising:

PVC Copolymer	100 parts
Plasticizer	50-100 parts
Filler	0-200 parts

a sufficient amount of silicone surfactant to provide a formulation density below 50 pounds per cubic foot, and

a sufficient amount of fumed silica to provide a formulation pre-fusing Brookfield viscosity of about 30,000 – 60,000 centipoise at a spindle speed of 2 rpm.

16. (Currently Amended) A carpet tile comprising:

a primary backing having carpet fiber bundles tufted therethrough, the fibers bundles providing a tufted face;

a precoat locking the tufts in place to prevent easy extraction of individual fibers and providing a relatively smooth back face opposite the tufted face;

a reinforcing scrim adjacent the relatively smooth back face and held in place at least in part by said precoat; and

a preformed open mesh fiber reinforced foam layer with foam nodules held in substantially intimate contact with the relatively smooth back face forming a carpet tile substantially void of curling or doming, as recited in claim 13 wherein said preformed open mesh fiber reinforced foam layer with foam nodules is being held in substantially intimate contact with the relatively smooth back face and fused thereto at a temperature substantially maintaining the foam nodules in a non-collapsed condition by a formulation of said back face comprising:

PVC resin with a K value of 62-75	100 parts
Plasticizer	60-100 parts
Filler	0-250 parts,

and substantially devoid of blowing agent.

17. (Currently Amended) A carpet comprising:

a primary backing having carpet fiber bundles tufted therethrough, the fibers bundles providing a tufted face;

a precoat locking the tufts in place to prevent easy extraction of individual fibers and providing a relatively smooth back face opposite the tufted face; and

a preformed open mesh fiber reinforced foam layer with foam nodules held in substantially intimate contact with the relatively smooth back face by an adhesive fused

at a temperature sufficiently low to preclude collapse of the foam nodules thereby forming a carpet substantially void of curling.

18. (Cancelled)

19. (Currently Amended) A carpet ~~roll~~ as recited in claim ~~18~~ 17 wherein said fused adhesive comprises a formulation comprising:

PVC Copolymer	100 parts
Plasticizer	50-100 parts
Filler	0-200 parts

a sufficient amount of silicone surfactant to provide a formulation density below 50 pounds per cubic foot, and

a sufficient amount of fumed silica to provide a formulation pre-fusing Brookfield viscosity of about 30,000 – 60,000 centipoise at a spindle speed of 2 rpm.

20. (Currently Amended) A carpet ~~as recited in claim 17 wherein~~ comprising:
a primary backing having carpet fiber bundles tufted therethrough, the fibers bundles providing a tufted face;

a precoat locking the tufts in place to prevent easy extraction of individual fibers and providing a relatively smooth back face opposite the tufted face; and

a preformed open mesh fiber reinforced foam layer with foam nodules held in substantially intimate contact with the relatively smooth back face forming a carpet substantially void of curling, said preformed open mesh fiber reinforced foam layer with foam nodules ~~is~~ being held in substantially intimate contact with the relatively smooth

back face and fused thereto at a temperature substantially maintaining the foam nodules in a non-collapsed condition by a formulation of said back face comprising:

PVC resin with a K value of 62-75	100 parts
Plasticizer	60-100 parts
Filler	0-250 parts,

and substantially devoid of blowing agent.

21. (Cancelled)

22. (Cancelled)

23. (New) A carpet tile according to claim 13 wherein said temperature is less than 310°F.

24. (New) A carpet according to claim 17 wherein said temperature is less than 310°F.